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GRAYS THURROCK URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

Medical Officer of Health

INCLUDING THE REPORT OF THE

Sanitary Inspector

For the Year ending 31st Dec., 1935.

GRAYS.
John Higgins, Printing Contractor.
1936

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PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

Medical Officer of Health:
W. T. G. Boul, M.D., Ch.B. (Vict.), D.P.H.

Deputy Medical Officer of Health:
K. N. Mawson, M.B., Ch.B., D.P.H.

Assistant Medical Officer of Health:
A. R. Park, M.B., Ch.B., B.A.O., D.P.H.

Orthopædic Surgeon (part-time):
B. Whitchurch Howell, F.R.C.S. (Eng.)

Obstetric Specialist (part-time):
Andrew McAllister, F.R.C.S. (Eng.)

Dental Surgeon (part-time):
W. S. Rose, L.D.S., R.C.S. (Eng.)

Sanitary Inspector:
A. H. Plumb, A.R.S.I.,
Inspector of Meat and other Foods. Rats Officer.

Orthopædic Masseuse (part-time):
Miss M. E. Wells, C.S.M.M.G. & M.E.

Health Visitors:

Miss E. C. P. Miller, S.R.N., General Training, Certified Midwife, Certificate, Queen Victoria Nursing Institution, New Health Visitors' Certificate.

Miss A. Polley, S.R.N., General Training, Certified Midwife, Certificate, Queen Victoria Nursing Institution, Health Visitors' Certificate, Royal Sanitary Institute.

Miss E. M. Candler, S.R.N., Certified Midwife, A.R.S.I., New Health Visitors' Certificate. (Appointed 25/7/1935).

Chief Clerk: R. C. Gilbert.

Clerical Assistant: Miss D. Layzell.

The Medical Officer of Health is also Medical Officer of Health to the adjoining Urban Districts of Purfleet and Tilbury, Medical Officer of Health to the surrounding Rural District of Orsett, and School Medical Inspector, Inspector of Midwives, and District Tuberculosis Officer for these districts under the Essex County Council.

The Deputy Medical Officer of Health is also Deputy Medical Officer of Health to the same districts, and School Medical Inspector and District Tuberculosis Officer to these districts under the Essex County Council.

The Assistant Medical Officer of Health is also School Medical Inspector and Medical Officer for Maternity and Child Welfare under Essex County Council.

Public Health Department,
Glasson House,
High Street,
Grays.

To the Chairman and Members of Grays Thurrock Urban District Council.

Ladies and Gentlemen,

I have the honour to present to you my Eleventh Annual Report upon the Health and Sanitary Circumstances of the Urban District.

Owing to the impending formation of the Thurrock Urban District, my Report is brief, and with the permission of the Minister of Health local figures have been used for statistical purposes instead of those usually supplied by the Registrar-General, in order that the same may be completed before the 31st March, 1936.

I do not propose this year to comment upon the figures given in the Report, which I hope will prove self-explanatory.

May I take this opportunity of thanking the members of the Council for their co-operation during my eleven years of office.

I am, Ladies and Gentlemen,

Your obedient servant,

W. T. G. BOUL, M.D., Ch.B., D.P.H.,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area....	13,822 acres.
Local estimate of resident Population	19,200
No. of Inhabited Houses on Rate Books ...	4,850
Rateable Value	£118,118
Product of 1d. Rate	£470

There is no change in the occupations of the inhabitants as given in my previous Reports.

Live Births.	M.	F.	Total	
Legitimate	135	114	249	252
Illegitimate	1	2	3	

Birth Rate per 1,000 estimated resident population 13·1

	M.	F.	Total
Stillbirths	5	3	8

Rate per 1,000 (live and still) births ... 30·8

	M.	F.	Total
Deaths	122	95	217

Death Rate per 1,000 estimated resident population 11·3

Deaths from Puerperal Causes—	Deaths	Rate per 1,000 total (live and still) Births
From Sepsis	Nil	Nil
From other causes	Nil	Nil

Death Rate of Infants under 1 Year of Age (8):

All Infants per 1,000 live births	31·7
Legitimate Infants per 1,000 legitimate live births	32·1
Illegitimate Infants per 1,000 illegitimate live births	0·0
Deaths from Measles (all ages)	Nil
,, ,, Whooping Cough (all ages)	Nil
,, ,, Diarrhœa (under 2 years)	1

COMPARISON OF VARIOUS STATISTICS.

Year.	No. of Births	Birth Rate.	Death Rate.	Infantile Mortality Rate.
1931	288	15·2	8·9	31·2
1932	305	16·5	11·5	65·5
1933	286	15·2	9·4	20·9
1934	317	16·6	10·3	66·2
1935	252	13·1	11·3	31·7

Birth Rate—England & Wales (Provisional Figures) 14·7 per 1,000 resident Population

Death Rate—do. do. 11·7 ,, ,, ,,

Infantile Mortality Rate—England & Wales (Provisional Figures) 57 per 1,000 live Births.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

1. (i.) Public Health Officers of the Local Authority.

These are enumerated at the commencement of this Report.

(ii) Laboratory Facilities.

These were given in the Report for 1934, and no changes have occurred.

2. Ambulance Facilities. (i) *Infectious Disease.*

No change has occurred since last year.

ii. *Accident and Non-Infectious cases.*

The arrangements under this heading were reported upon in 1934. The public hire charges are very moderate, and I am indebted to the Honorary Secretary, J. T. Kelley, Esq., for the following statistics relating to the work of the local Division of St. John Ambulance Brigade:

		Cases.	Total Mileage.
Road accidents	....	45	646
Sick removals	....	875	19,917

During the year under review arrangements were made between the Local Authority and the Brigade in regard to the reciprocal use of Ambulances, and the latter purchased a new vehicle.

3. Nursing in the Home.

The Grays and District Nursing Association, the 28th Nursing Division of the St. John Ambulance Brigade, and the Medical Comforts Committee have continued their useful work during 1935, and full details of their past activities will be found in previous Reports.

CLINICS AND TREATMENT CENTRES.

Nature of Clinic.	Address.	Hours.	Notes.
Maternity and Child Welfare.	Welfare Centre, The Park	Medical Officers, Tuesday, 2 p.m. Thursday, 2 p.m. Sat., 9.30-10.30—Sale of Foods only.	Provided by Grays U.D.C.
Ante-Natal Clinic	Ditto.	Every Friday at 10 a.m.	Ditto
School Clinic.	Glasson House	MINOR AILMENTS—Mon. & Fri., 9.30-11 a.m. MEDICAL SESSION—Wed. 9.30-11.30 a.m. *EYE CLINIC—Tuesday, 9-11.30 a.m.	The School Clinics are provided by the E.C.C. the Medical Officer of Health, as School Inspector, supervising the work of the Clinics
*Dental Clinic.	Welfare Centre, The Park	Mondays, 9.30 & 2 p.m. Tues., 9.30-12. Thurs., 9.30-12.	Accommodation for Clinics rented from Grays U.D.C. by Essex County Council.
*Orthopædic Clinic. ,, After-Care Clinic	Glasson House	Tues., Wed. and Fri., at 2 p.m. except 2nd & 4th Wednesday.	Grays & Tilbury Urban District Councils, Orsett Rural District, and Essex County Council.
*Diphtheria Immunisation	Welfare Centre, The Park	2nd and 4th Wednesdays at 2 p.m.	Grays U.D.C.
Tuberculosis Dispensary	59 London Road	Adults—Mondays, 4-6 p.m. Children—Thursdays, 10-12 noon.	The Dispensary is provided by the E.C.C., the M.O.H. as Tuberculosis Officer supervising the work.
Venereal Diseases Clinic	22 Cobham Street, Gravesend.	*Women*—Monday, 9—12 and 1—5 p.m. Tues., 1-2.30 p.m. Wed., 9-12 noon. Thursday, 3—5 p.m. Friday, 9—12 and 1—5 p.m. Saturday, 9—12 noon. *Men*—Monday, 5.30—7 p.m. Tuesday, 11—1 & 5.30—7 p.m. Wed., 5.30-7 p.m. Thurs., 5-6.30 p.m. Fri., 5.30-7 p.m. Sat., 12.30-2 p.m.	Provided by Kent County Council. Essex patients are treated by arrangement free of charge.
*Women's Welfare Centre	Welfare Centre, The Park	1st & 3rd Thursdays at 6.30 p.m.	Grays U.D.C.

* Patients attend these Clinics by appointment. Application should be made to any member of the Public Health Staff.

HOSPITALS.

(*a*) General.

Seamen's Hospital, Tilbury.

The accommodation was included in last year's Report, and no change has occurred.

No. of In-patients, 1935	- -	1450
,, ,, Out-patients	- -	4598
,, ,, Major operations performed	-	570
,, ,, Minor ,, ,,	-	150

The authorities and staff of the hospital display a pleasing co-operation with this Department.

Orsett Public Assistance Institution.

General Medical	....	186 beds.
Tuberculosis	....	15 ,,
Isolation	....	10 ,,
Maternity	....	7 ,,
Mental (observation)	.. ....	7 ,,

(*b*) Infectious Diseases. *Orsett Joint Hospital Board.*

(a) *Isolation Hospital.*

During the year under review the new discharge block containing two four-bedded wards, and day and duty rooms, mentioned in my previous Report, was formally opened.

(b) *Smallpox Hospital.*

There has been no alteration from the accommodation reported in 1934.

3. MATERNITY AND CHILD WELFARE.

(i.) Midwives.

Four Midwives practice within the Urban District, but they are not subsidised or employed by the Local Authority.

The Council reimburse each Midwife to the extent of 10/- in respect of every case in which the Local Authority has accepted financial responsibility for treatment, or made arrangements for hospital admission.

(ii.) Institutional Provision for Mothers and Children.

All particulars of the Local Authorities' arrangements with various hospitals have been given in my previous report.

The number of patients so admitted during 1935 is as follows:—

Orsett Institution - -	10
Queen Mary's Hospital, Stratford -	4
Oldchurch Hospital, Romford -	10
Total cost of treatment-	£105 2s. 3d.
Recovered from patients	£25 5s. 6d.

Sterilised Maternity Outfits have been supplied through the Welfare Centre for some years past, while the Council also supply Home Helps to patients in certain circumstances.

(iii.) Health Visitors.

The Council employs three Health Visitors, sharing their services with the Essex County Council. By this arrangement the same Health Visitors act as School Nurses over portions of the Urban District.

Visits paid by Health Visitors:

To infants under 1 year:	
(*a*) First visits - -	278
(*b*) Re-visits - -	862
To infants, 1-5 years -	1562
	2702

Maternity and Child Welfare Centre.

Sessions held - -	99
Attendances by children:	
(i.) Under 1 year -	3029
(ii.) 1-5 years - -	2578
	5067

The continued growth of this branch of the work during the past few years is due chiefly to the unflagging efforts of the Health Visitors.

ANTE-NATAL CLINICS.

Sessions held - -	46
No. of expectant mothers on books	137
Total attendances made -	887
Visits to expectant mothers	41

WOMEN'S WELFARE CLINIC.

No. of sessions held -	15
No. of patients in attendance	69
Total attendances by patients	148

Owing to the long waiting list it was found necessary to increase the number of monthly sessions from one to two. Advice is given strictly within the limits laid down by the Ministry of Health, and the majority of patients are introduced by private practitioners or hospitals.

Dental Treatment for expectant and Nursing Mothers.

Facilities exist for treatment under this heading.

Number of patients treated	1
Cost of treatment -	17/6
Recovered from patients -	Nil

MILK (MOTHERS AND CHILDREN) ORDER, 1921.

Total value of milk supplied -	£363 14s. 3d.
Cost of milk supplied free of charge	£53 13s. 9d.

NOTIFICATION OF BIRTHS (Local Records).

No. of births notified :

(*a*) Live births - -	244	252
(*b*) Stillbirths - -	8	

Notified by medical practitioners -	108
Notified by midwives - -	144

CHILDREN ACT, 1908, SEC. 1.
CHILDREN AND YOUNG PERSONS ACT, 1932, SEC. 65 (1).

Number of foster mothers on register	7
Number of infants registered -	9
Total visits to above by Infant Life Protection Visitors - -	26

Conditions in regard to these children have been satisfactory. No prosecutions have been undertaken or warnings given during the year.

NATIONAL SOCIETY FOR THE PREVENTION OF CRUELTY TO CHILDREN.

I am indebted to the above for the following statistics in regard to the work of the Society, and particularly to Inspectors Clare and Dean for their co-operation.

Total cases reported - -	58
Allegations found to be true - -	57
Action Taken.	
Warnings issued - - -	55
Otherwise dealt with - -	2
Dropped - - - -	1
Classification of cases.	
Neglect - -	41 and 1 case dropped
Ill-treatment - - -	6
Advice sought - -	6
Other wrongs - - -	3
Indecent assault - - -	1
Analysis of cases reported.	
By general public - - -	36
By Police - - - -	1
By M.O.H. and School Officials -	20
By Inspector - - -	1
Children affected—Male - -	83
—Female - -	64

Age Groups.

Under 1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
13	9	12	12	13	15	9	9

8-9	9-10	10-11	11-12	over 12
7	9	6	5	28

(v.) ORTHOPÆDIC TREATMENT.

The Orthopædic Scheme is carried out in conjunction with the Urban district of Tilbury, the Rural District of Orsett, and the Essex County Council. The Orthopædic Surgeon appointed, Mr. B. Whitchurch Howell, F.R.C.S., visits the district at frequent intervals. After-care is carried out by an Orthopædic Masseuse three times weekly, at a specially equipped Clinic in Grays.

Massage, after-care, remedial exercises, &c., are provided at the After-care Clinic and cases requiring hospital treatment are sent by the Local Authority or, in the case of children over the age of 5 years, by the County Council, to the Queen's Hospital, Hackney Road, London, E., the Cheyne Hospital, Chelsea, or to Brookfield Hospital, Walthamstow.

Orthopædic Ascertainment Clinic.

	E.C.C.	Grays. U.D.	Tilbury. U.D.	Orsett. R.D.	Total
No. on Register, 1/1/35 ...	259	24	79	19	381
,, Discharged as cured ...	29	9	21	7	66
,, ,, other reasons ..	18	11	14	2	45
,, of New Cases reported ...	58	14	14	1	87
,, on Register, 31/12/35 ...	270	18	58	11	357
,, Treated in Hospital ...	4	—	—	—	4

Orthopædic After-Care Clinic.

	E.C.C.	Grays. U.D.	Tilbury. U.D.	Orsett R.D.	Total
No. on Register at 1/1/35 ...	296	40	86	42	464
,, Discharged as cured ...	146	10	18	10	184
,, ,, other reasons...	76	4	17	6	103
,, of New cases reported ...	192	2	15	5	214
,, on Register at 31/12/35 ...	286	28	46	31	391

Nature of Treatment Received.

	E.C.C.	Grays. U.D.	Tilbury. U.D.	Orsett. R.D.	Total
Exercises	27	—	—	—	27
Massage & Muscle Re-education	2	—	—	—	2
Wedges and After-care ...	260	19	40	26	345
Breathing Exercises ...	6	—	4	—	10
Supervision of Appliances...	20	2	6	—	28

ANNUAL REPORT

of the School Medical Inspector for the Orsett Sub-District for the year ending 31st December, 1935.

I have pleasure in presenting a Report upon the the working of the School Medical Service of the Orsett Sub-District during 1935.

STAFF.

No alterations have been made in the permanent medical staff, but the consultant staff has been augmented by the appointment of aural and ophthalmic specialists, who have held local clinics from time to time by arrangement with the County Medical Officer.

CLINICS.

A full list of existing minor ailment clinics appeared in last year's Report, and no amendments are necessary.

ACCOMMODATION.

The improved facilities of Glasson House have given satisfaction.

TONSILS AND ADENOIDS CLINICS.

			Operations.
1931	....	....	151
1932	....	....	210
1933	....	....	81
1934	....	....	96
1935	....	....	102

I have pleasure in acknowledging the services of Drs. Park, Barrow and Hawes under this heading, and of the kindly co-operation of the Seamen's Hospital, Tilbury, in providing free operations in necessitous cases.

VERMINOUS CHILDREN.

This matter was dealt with fully in last year's Report. Good progress has been made, but there are a few persistent defaulters, notably in Tilbury and the adjoining Rural District, who continue to give trouble.

During 1935 one parent was prosecuted three times in respect of offences, and six other parents were brought before the Grays Bench In each instance a conviction was obtained and a fine imposed.

MINOR AILMENT TREATMENT CLINICS.

Individual children treated—	Grays	Tilbury	Stanford-le-Hope	Aveley
1931	1245	1261	—	—
1932	1233	2744	114	—
1933	1281	2171	245	—
1934	1470	2311	346	185
1935	1151	2646	320	300
Total attendances made :				
1931	3332	3697	—	—
1932	3035	4394	160	—
1933	3166	4846	385	—
1934	3888	5303	561	225
1935	3528	5238	598	487

SPRAY BATHS.

Total Attendances	Grays	Tilbury
1931	2664	4601
1932	2989	5611
1933	3594	9377
1934	1560	7179
1935	975	9176

SIGHT SAVING (MYOPE) CLASS,

Quarry Hill Schools, Grays.

Every child was examined at intervals by the County's ophthalmic specialist, Mr. Aherne. It is possible that during 1936 the present class may be altered in principle. The accommodation cannot be regarded as completely satisfactory.

	Males	Females
No. on Register at 1st Jan., 1935	8	6
,, admitted during the year	1	2
,, discharged ,, ,, ,, ...	1	2
,, on Register at 31st Dec., 1935	8	6

Reasons for Discharge.		
Removed from district	1	—
Returned to elementary school ...	—	1
Obtained employment	—	1
Classification of defects.		
Myopia, myopic astigmatism ...	—	3
High myopia and high myopic astigmatism	7	2
Dislocation of lenses	—	2
Congenital cataract	1	—
Albinism, myopia, and nystagmus	1	—

Special School for Mentally Retarded Children.

This was formerly situated in the same premises as an elementary school, but was subsequently transferred to temporary premises in Hathaway Road, Grays, which have proved unsatisfactory. The future of the school is under review at present, and it is possible that considerable changes will take place during 1936.

	Males	Females
No. on Register at 1st Jan., 1935	22	22
,, of admissions during the year	5	2
,, ,, discharges during the year	9	4
,, on Register at 31st Dec., 1935 ...	18	20
Reasons for discharge.		
Attained school-leaving age	4	1
Admitted to institutions....	1	2
Left district	2	1
Other reasons	2	—

EYE REFRACTION CLINICS.

Thanks are due to Drs. Mawson and Nelson for their work at these clinics. A number of children suffering from severe or complicated visual defects were referred to Mr. Aherne for attention.

	Refractions	Prescriptions
1931	283	232
1932	369	295
1933	427	349
1934	556	484
1935	481	403

OPEN-AIR SCHOOL.

No. of places in the School	60
,, admissions during 1935	45
,, discharges ,, ,, ...	39
Admissions recommended by—	
(*a*) School Medical Inspectors	33
(*b*) Tuberculosis Officer	8
(*c*) Private practitioners	4
Reasons for discharge—	
Maximum benefit	37
Attained school-leaving age	3
Left district	2
Unfit for open-air school treatment	2
Other reasons	1

	M.	F.
Highest increase in weight	lbs.	12 lbs.
,, ,, ,, height	$2\frac{1}{4}$ in.	3 in.

Average increase in weight—$5\frac{1}{2}$ lbs.
,, ,, ,, height—$2\frac{1}{4}$ ins.

My remarks of 1934 regarding the poor physique of entrants holds good for 1935. Twenty children suffering from marked anaemia were prescribed 'Haemolac' in addition to the ordinary dietary, and in this connection the remarks of the Head Teacher are of interest. Miss Schreiber says :—

"Many children who have been admitted are obviously suffering from the effects of poverty and unemployment. Ten children are actually classified under the heading of malnutrition, 34 suffer from anaemia, while several others graded as "debility" come from poor homes. It would seem that some form of school feeding is needed in the district for this reason. Children from poor homes leave this school accustomed to receiving milk, porridge, a hot midday meal, and cod-liver oil and other tonics, but there is no continuation of this treatment for them when they return to their elementary schools, with the result that many of them have to return within a short time."

There is much truth in Miss Schreiber's comments, but from my personal knowledge of many of the families concerned, there is little doubt that the household budget, meagre though it may be, is not always used to the best advantage.

DENTAL TREATMENT.

Individual children treated	....	....	1725
Total attendances of above	....	....	2173
Extractions—Temporary	....	..	3658
Permanent	....	...	704
Fillings—Temporary	....	...	44
Permanent	....	....	720
Operations	....	....	100
Gas cases	....	....	1660
Local anæsthetics	....	....	58

DENTAL INSPECTIONS.

Age Groups.			Number Inspected.
5 to 6 years	....	....	620
6 ,, 7 ,,	....	....	623
7 ,, 8 ,,	...	....	613
8 ,, 9 ,,	....	....	627
9 ,, 10 ,,	....	....	601
10 ,, 11 ,,	....	....	651
11 ,, 12 ,,	....	....	685
12 ,, 13 ,,	....	...	573
13 ,, 14 ,,	...	....	499
14 ,, 15 ,,	....	....	112
		Total	5604

Found to require treatment 4064

I am,

Yours faithfully,

W. T. G. BOUL,

School Medical Inspector.

SANITARY CIRCUMSTANCES OF THE AREA.

1. (i.) WATER.—The greater portion of the district is supplied by the South Essex Water Works Company and the supply has been adequate and satisfactory.

(ii.) DRAINAGE AND SEWERAGE.—The major part of the area is connected to the Thurrock, Grays and Tilbury Joint Sewerage Board's mains. Particulars of the Disposal Works have appeared in previous Reports.

Year		Number of gallons pumped
1932	....	452,451,000
1933	....	466,862,000
1934	....	468,755,000
1935	....	561,577,000

Average daily flow—1,538,567 gallons.

2. RIVERS AND STREAMS.—My Annual Report for the year 1934 contains a description of the above.

3. (i.) CLOSET ACCOMMODATION.—Every house in the district is supplied with a proper closet and flushing apparatus.

(ii.) PUBLIC CLEANSING.—No alterations have taken place since my Report for 1934.

Amount of refuse collected during 1935 -	4032½ tons
Cost of collection -	£2456 2s. 8d. (including £632 for new vehicle)
Cost of disposal - - -	£1240 10s. 9d.
Cost per head of population -	3s. 10d.

(iii.) SANITARY INSPECTION OF THE AREA.

Nature of Inspections.	No.
Dwelling Houses	678
Disinfections	181
Schools	35
Dairies and Milkshops	163
Slaughter Houses	735
Shops (including Butchers)	441
Bakehouses	70
Common Lodging Houses	13
Fish Shops (including fried-fish shops)	299
Market	230
Nuisances	447
Miscellaneous	23
Total	3315

NOTICES SERVED.

Defects	Informal		Statutory		Outstanding
	Served	Completed	Served	Completed	
Disinfections ...	181	181	...	...	...
Defective dustbins ...	107	107	...	...	...
,, drainage ...	25	25	...	...	...
,, W.C.'s ...	51	51	...	...	...
,, yard paving ...	18	18	...	...	...
,, roofs ...	10	10	...	...	...
,, gutters ...	29	29	...	..	...
,, fireplaces ...	23	23	...	...	...
,, coppers ...	10	10	...	...	...
,, walls ...	33	33	...	...	...
,, ceilings ...	33	33	...	...	...
Internal dilapidations ...	12	12	...	...	...
Dampness	16	16	...	...	...
Verminous Premises ...	4	4	...	...	...
Miscellaneous complaints	9	9			
	561	561	...	...	...

(iv.) Smoke Abatement.

Several complaints of excessive smoke from factory chimneys were received during the year. It is anticipated that during 1936 the nuisance will be minimised.

FACTORIES, WORKSHOPS AND WORKPLACES.

(a) INSPECTIONS OF FACTORIES, WORKSHOPS & WORKPLACES

including Inspections made by Sanitary Inspector.

Premises. 1	Inspections 2	Written Notices 3	Occupiers Prosecuted 4
Factories ... . (Including Factory Laundries)	91	—	—
Workshops ... ... (Including Workshop Laundries)	45	—	—
Workshops ... ... (Other than Outworkers premises)	20	—	—
Total	160	—	—

(b) DEFECTS FOUND

in Factories, Workshops and Workplaces.

Particulars. 1	Number of Defects. Found. 2	Remedied 3	Referred to H.M. Inspctor 4	Number of Offences in respect of which Prosecutions were Instituted 5
Nuisances under the Public Health Acts –				
Want of cleanliness	5	5	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors ...	—	—	—	—
Other nuisances	—	—	—	—
Sanitary accommodation—				
Insufficient	—	—	—	—
Unsuitable or Defective ...	—	—	—	—
Not separate for sexes ...	—	—	—	—
Offences under Factory & Workshops Acts—				
Illegal occupation of underground bakehouses (s.101).... ...	—	—	—	—
Other Offences ... .. [Excluding offences relating to outwork, and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921]	—	—	—	—
Total	5	5	—	—

4. Schools.—The sanitary accommodation and condition of some of the old schools is capable of improvement, but the general standard is satisfactory.

5. Swimming Baths and Pools.—The Council maintains a swimming pool. Samples of the water taken during busy times in the summer were found to be satisfactory. An additional inlet pipe was constructed during the year to enable the bath to be cleansed and and re-filled at more frequent intervals

HOUSING.

Despite the importance of this subject, I do not propose to comment upon it, as the matter has been fully discussed in previous Reports. The Housing Act, 1935, is welcomed in the hope that it may lead to further improvements in the housing of the working classes. The Overcrowding Survey has been completed, and an analysis thereof is being submitted to the Council early in 1936.

1. Inspection of Dwelling-Houses during the Year.

(1)	(*a*) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	678
	(*b*) Number of inspections made for the purpose	1356
(2)	(*a*) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ...	305
	(*b*) Number of inspections made for the purpose	305
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 340

2. Remedy of Defects during the Year without Service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers 340

3. Action under Statutory Powers during the Year.

(A) *Proceedings under sections 17, 18 and 23 of Housing Act, 1930.*

(1) Number of dwelling-houses in respect of which notices were served requiring repairs —

(2) Number of dwelling-houses which were rendered fit after service of formal notices :

(*a*) By owners .... —

(*b*) By Local Authority, in default of owners .... —

(B) *Proceedings under Public Health Acts.*

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... . —

(2) Number of dwelling houses in which defects were remedied after service of formal notices :

(*a*) By owners .... —

(*b*) By Local Authority in default of owners .... —

(C) *Proceedings under sections 19 & 21 of the Housing Act, 1930.*

(1) Number of dwelling-houses in respect of which Demolition Orders were made 1

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders .... —

(D). *Proceedings under section 20 of the Housing Act, 1930.*

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made .... —

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .... —

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

Number of Retailers on Register—	
Grade "A" (TT) Milk	3
Certified milk	1
Grade "A" milk	6
Pasteurised milk	3
Ungraded milk	10
Number of premises registered—	
Dairies	16
Milkshops	4

The following samples of milk were submitted to Laboratory examination during the year :—

No.	Date.	Bacterial count per 1 c.c.	B. Coli present in
1	16/4/35	42,000	0·1 c.c.
2	,,	19,000	1·0 ,,
3	,,	300,000	0·0001 ,,
4	5/11/35	24,000	0·01 ,,
5	,,	25,000	0·1 ,,
6	,,	15,000	1·0 ,,

MEAT. Number of Slaughterhouses—

(*a*) Registered	2
(*b*) Licensed	3

Animals Slaughtered, 1935—

Beasts	693
Sheep	2971
Swine	3427
Calves	245
Lambs	372

Unsound Food surrendered—

Beef	3206 lbs.
Pork	502 ,,
Mutton	50 ,,
Fish	432 ,,
Rabbits	24 ,,
Ox Livers	34 ,,
Bacon	104 ,,
Walnuts	8 bags
Tomatoes	65 boxes
Plums	10 baskets
Whelks	1 bag

ADULTERATION.

The Essex County Council is the Authority under the Food and Drugs (Adulteration) Act, 1928; the Artificial Cream Act, 1929; the Public Health (Condensed Milk) Regulations, 1923 and 1927, the Public Health (Dried Milk) Regulations, 1923 and 1927; and the Public Health (Preservatives, &c., in Food) Regulations, 1925 and 1927.

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

This is carried out at the instance of the County Council by the Counties Public Health Laboratories, Queen Victoria Street, London, E.C.4.

NUTRITION.

Periodical articles upon diet, nourishment and general health topics are contributed to the local Press at intervals by the Medical Officer of Health. Copies are displayed in the Public Library and certain other establishments.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Notifiable Diseases (excluding Tuberculosis) during 1935.

DISEASE.	Total Cases	Removed to Hospital	Deaths.
Scarlet Fever	67	23	—
Diphtheria	25*	23*	—
Pneumonia	22	2	8
Erysipelas	8	4	—
Puerperal Pyrexia	1	1	—
Paratyphoid "B"	9	8	—
Poliomyelitis	1	—	—
Total	133	61	8

* Indicates one case wrongly diagnosed.

Scarlet Fever.—The policy of isolating cases at home, where possible, instead of removing them to hospital, continues to justify itself, no evidence being available that secondary cases occur in households where reasonable precautions are taken against the spread of infection.

Diphtheria.—This disease shows a decrease of 17 cases from the previous year.

Paratyphoid Fever.—Nine cases occurred, and each patient made a good recovery. The source of the outbreak was discovered and measures were taken to prevent the spread of infection.

Immunisation Against Diphtheria.—The Diphtheria Immunisation Clinic has continued its work satisfactorily. The following statistics relate to the work during 1935.

Sessions held	21
Total attendances	700
New cases treated	114
Number receiving primary Schick Test	56
,, of above found (*a*) positive at above	40
,, ,, (*b*) negative ,,	16
,, omitting primary Schick Test	58
,, receiving immunisation	96
,, tested after immunisation	73
Immunity produced after above	69
Referred for further treatment	3
Treatment not completed	1
,, brought forward from 1934	53
Certificates of Immunity issued	124

These figures do not include details of cases treated under agreement for other Local Authorities, which have been included in the Reports to the appropriate Councils.

ANALYSIS OF AGE GROUPS.

DISEASE.	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 upwards	Total
Scarlet Fever ...	...	3	6	3	11	33	7	1	1	...	...	1	1	...	67
Diphtheria ...	...	...	1	1	3	13	5	...	1	1	...	...	...	...	25
Pneumonia ...	...	...	2	2	1	6	...	...	1	3	2	2	...	3	22
Erysipelas... ...	...	1	...	...	...	...	...	...	1	1	1	2	...	2	8
Puerperal Pyrexia ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Paratyphoid "B" ...	...	...	...	...	...	1	2	1	1	3	...	1	...	...	9
Poliomyelitis ...	...	...	..	...	1	...	...	...	...	...	...	...	...	...	1
Total ...	...	4	9	6	16	53	14	2	5	9	3	6	1	5	133

TUBERCULOSIS.

New Cases and Mortality during 1935. Local Records.

Age Groups.	New Cases.				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	...	...	...	...	...	...	...	...
1— 5 years	...	...	2	...	...	...	...	...
5—15 ,, ...	...	...	1	1	...	...	...	...
15—25 ,, ...	2	4	...	...	...	.	...	...
25—35 ,, ...	6	1	1	...	3	3	...	...
35—45 ,, ...	...	4	...	...	...	...	...	...
45—55 ,, ...	3	...	...	...	2	...	...	...
55—65 ,, ...	3	1	...	...	2	1	...	...
65 years upwards ...	...	...	...	...	...	1	...	...
Total	14	10	4	1	7	5	...	...
	29				12			

Public Health (Prevention of Tuberculosis) Regulations, 1925, and Public Health Act, 1925, Sec. 62.

No action was taken under these headings during the year.